INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/19695

A. CLASSIFICATION OF SUBJECT MATTER				
IPC(7) : H01S 1/06,3/10,3/13; H02L 7/26; H03B 17/00; G01P 3/36; G02B 27/32				
US CL : 356/28,256; 331/3,94.1; 372/28,29.011,29.015,32,38.01,38.02,38.07				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
Minimum documentation control (along Granica and a control of the				
Minimum documentation searched (classification system followed by classification symbols)				
U.S.: 356/28,256; 331/3,94.1; 372/28,29.011,29.015,32,38.01,38.02,38.07				
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched				
NONE			e seem coodinoms are menaged i	if the fields searched
				
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)				
IEEE search	terms: alkali, vapor, cell, laser modulation		whole placticable, sea	ien terms used)
	UMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.			
X	US 6,201,821 B1 (ZHU et al.) 13 March 2001 (13.03.2001), see entire document.			1-23
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X	US 6,363,091 B1 (ZHU et al.) 26 March 2002 (26.03.2002), see entire document.			1 22
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Further Further	documents are listed in the continuation of Box C.	1	See patent family annex.	
	pecial categories of cited documents:			
		4	later document published after the inte date and not in conflict with the applic	mational filing date or priority
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or particu	ial televalice	"X"		
"E" earlier app	plication or patent published on or after the international filing date	A	document of particular relevance; the considered novel or cannot be consider	claimed invention cannot be
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	which may throw doubts on priority claim(s) or which is cited to he publication date of another citation or other special reason (as	-Y-	decument of most 1	
specified)	· · · · · · · · · · · · · · · · · · ·	•	document of particular relevance; the considered to involve an inventive step	claimed invention cannot be
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	referring to an oral disclosure, use, exhibition or other means		being obvious to a person skilled in the	art
"P" document	published prior to the international filing date but later than the	"&"	document member of the same patent f	anilu -
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Date of the actual completion of the international search		Date of mailing of the international search report		
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14 February 2005 (14.02.2005)		01 MAR 2005		
Name and mailing address of the ISA/US		Authorized officer		
Mail Stop PCT, Atm: ISA/US			B. Shingleton Marun) Harry
Commissioner for Patents P.O. Box 1450			Michael B. Shingleton Maru,	
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